

Case: AMKOR-021G



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Jong Sik Paek et al. )  
Serial No.: 10/680,280 ) Art Unit: 2811  
Filing Date: 10/07/2003 ) Examiner: Unknown  
For: Semiconductor Package and Method )  
for Manufacturing the Same )

**INFORMATION DISCLOSURE STATEMENT**  
**PURSUANT TO 37 C.F.R. SECTION 1.97**

Mail Stop DD  
Assistant Commissioner for Patents  
Post Office Box 1450  
Alexandria, Virginia 22313-1450

Dear Sir/Madam:

Pursuant to 37 C.F.R. § 1.97, the following Information Disclosure Statement is submitted as listed on form PTO/SB/08A enclosed herewith in duplicate. Copies of all disclosure documents are attached hereto for the Examiner's review.

No representation is made that the references disclosed herein legally constitute prior art, or that more relevant references are not available. The disclosure documents enclosed herewith and listed on the attached form (PTO/SB/08A) are printed in the English language and/or accompanied by an Abstract published in the English language.

The references listed herein, when taken alone or in combination are not believed to disclose nor make obvious the invention as claimed in the subject application.

As this Information Disclosure Statement is being submitted before the stipulated three months from the filing date of the application and/or before the mailing of a first Office Action,

it is believed that no fee is required.

If a fee is required, please charge Account Number 19-4330.

Respectfully submitted,

Dated: 1/20/04

By: \_\_\_\_\_



Attorney: Mark B. Garred

Registration No: 34,823

STETINA BRUNDA GARRED & BRUCKER

75 Enterprise, Suite 250

Aliso Viejo, CA 92656

(949) 855-1246

Customer No. 007663

ATTORNEY DOCKET NO: AMKOR-021G  
TITLE: SEMICONDUCTOR PACKAGE AND METHOD FOR  
MANUFACTURING THE SAME



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Andrea K. Levine  
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1. Certificate of Mailing;
2. Transmittal;
3. Information Disclosure Statement (2 pages);
4. PTO/SB/08A Prior Art Reference List (7 pages, submitted in duplicate);
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PTO/SB/21 (08-00)  
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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE  
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<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	<b>Application Number</b>	10/680,280
	<b>Filing Date</b>	10/07/2003
	<b>First Named Inventor</b>	Jong Sik Paek
	<b>Group Art Unit</b>	2811
	<b>Examiner Name</b>	Unknown
<b>Total Number of Pages in This Submission</b>		<b>Attorney Docket Number</b> AMKOR-021G

<b>ENCLOSURES (check all that apply)</b>		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Certificate of Mailing; PTO/SB/08A Form; Prior Art References; and Return Receipt Postcard
<b>Remarks</b>		

<b>SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT</b>	
<b>Firm or Individual name</b>	Mark B. Garred STETINA BRUNDA GARRED & BRUCKER
<b>Signature</b>	
<b>Date</b>	1/27/04

<b>CERTIFICATE OF MAILING</b>			
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on this date: 01/27/2004			
<b>Typed or printed name</b>	Andrea K. Levine		
<b>Signature</b>		<b>Date</b>	1/27/04

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PTO/SB/08A (10-01)



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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)			<b>Complete if Known</b>		
			Application Number	10680280	
Sheet	1	of	1	Filing Date	10/07/2003
				First Named Inventor	Jong Sik Paek
				Art Unit	2811
				Examiner Name	Unknown
				Attorney Docket Number	AMKOR-021G

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
		US-			
		US-			
		US-			
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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				
		100220154 *	06/18/1999	KOREA		
		10256240 *	09/25/1998	JAPAN		
		10199934 *	07/31/1998	JAPAN		
		10163401 *	06/19/1998	JAPAN		
		EP0844665 *	05/27/1998	EU PAT. OFFICE		
		10022447 *	JAN-98	JAPAN		
		9293822 *	11/11/1997	JAPAN		
		9772358 *	11/07/1997	KOREA		
		EP0794572A2 *	10/09/1997	EU PAT. OFFICE		
		DE19734794A1 *	08/11/1997	GERMANY		

Examiner Signature	Date Considered
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Substitute for form 1449A/PTO

**Complete if Known**

(use as many sheets as necessary)

Sheet 1 of 1

<b>Application Number</b>	10/680.280
<b>Filing Date</b>	10/07/2003
<b>First Named Inventor</b>	Jong Sik Paek
<b>Art Unit</b>	2811
<b>Examiner Name</b>	Unknown
<b>Attorney Docket Number</b>	AMKOR-021G

## U.S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. 1	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T6
		Country Code 3 - Number 4 - Kind Code 5 (if known)				
		992775 <sup>1</sup>	04/04/1997	JAPAN		
		98205 <sup>2</sup>	01/10/1997	JAPAN		
		98206 <sup>3</sup>	01/10/1997	JAPAN		
		98207 <sup>4</sup>	01/10/1997	JAPAN		
		8306853 <sup>5</sup>	11/22/1996	JAPAN		
		8222682 <sup>6</sup>	08/30/1996	JAPAN		
		8125066 <sup>7</sup>	05/17/1996	JAPAN		
		8083877 <sup>8</sup>	03/26/1996	JAPAN		
		864634 <sup>9</sup>	03/08/1996	JAPAN		
		EP0720225 <sup>10</sup>	03/07/1996	EU PAT. OFFICE		

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)			<b>Complete if Known</b>		
			Application Number	10/680.280	
Sheet	1	of	1	Filing Date	10/07/2003
			First Named Inventor	Jong Sik Paek	
			Art Unit	2811	
			Examiner Name	Unknown	
			Attorney Docket Number	AMKOR-021G	

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
		US-			
		US-			
		US-			
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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
		EP0720234	03/07/1996	EU PAT. OFFICE		
		7312405	11/28/1995	JAPAN		
		7297344	11/1995	JAPAN		
		6260532	09/16/1994	JAPAN		
		6140563	05/20/1994	JAPAN		
		692076	04/05/1994	JAPAN		
		941979	01/03/1994	KOREA		
		5283460	10/29/1993	JAPAN		
		5166992	07/1993	JAPAN		
		5129473	05/25/1993	JAPAN		

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Substitute for form 1449A/PTO				Complete if Known	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>				Application Number	10/680,280
				Filing Date	10/07/2003
				First Named Inventor	Jong Sik Paek
				Art Unit	2811
				Examiner Name	Unknown
Sheet	1	of	1	Attorney Docket Number	AMKOR-021G

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FOREIGN PATENT DOCUMENTS						T <sup>6</sup>
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
		63249345 \	10/17/1988	JAPAN		
		63233555 \	09/29/1988	JAPAN		
		63205935 \	08/25/1988	JAPAN		
		63067762 \	03/26/1988	JAPAN		
		629639 \	01/17/1987	JAPAN		
		6139555 \	02/25/1986	JAPAN		
		60231349 \	11/16/1985	JAPAN		
		60195957 \	10/04/1985	JAPAN		
		60116239 -	08/06/1985	JAPAN		
		60010756 ~	01/19/1985	JAPAN		

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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449A/PTO		<b>Complete if Known</b>			
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		Application Number	10680280		
		Filing Date	10/07/2003		
		First Named Inventor	Jong Sik Paek		
		Art Unit	2811		
		Examiner Name	Unknown		
Sheet	1	of	1	Attorney Docket Number	AMKOR-021G

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. 1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code 2 (if known)			
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Examiner Initials*	Cite No. 1	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code 3 - Number 4 - Kind Code 5 (if known)				
		200204397	08/02/2002	JAPAN		
		0049944	06/26/2002	KOREA		
		2001060648	03/06/2001	JAPAN		
		556398	10/29/2000	JAPAN		
		EP1032037	08/30/2000	EU PAT. OFFICE		
		00150765	05/30/2000	JAPAN		
		EP098968	03/29/2000	EU PAT. OFFICE		
		9967821	12/29/1999	PCT		
		9956316	11/04/1999	PCT		
		EP0936671	08/18/1999	EU PAT. OFFICE		

Examiner Signature		Date Considered	
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<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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			<b>Application Number</b>	10680280
			<b>Filing Date</b>	10/07/2003
			<b>First Named Inventor</b>	Jong Sik Paek
			<b>Art Unit</b>	2811
			<b>Examiner Name</b>	Unknown
			<b>Attorney Docket Number</b>	AMKOR-021G
<b>Sheet</b>	1	<b>of</b>	1	

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		9293822	11/11/1997	JAPAN		
		9772358	11/07/1997	KOREA		
		EP0794572A2	10/09/1997	EU PAT. OFFICE		
		DE19734794A1	08/11/1997	GERMANY		

<b>Examiner Signature</b>		<b>Date Considered</b>	
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<b>First Named Inventor</b>	Jong Sik Paek
<b>Art Unit</b>	2811
<b>Examiner Name</b>	Unknown
<b>Attorney Docket Number</b>	AMKOR-021G

Sheet	1	of	1
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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
		992775	04/04/1997	JAPAN		
		98205	01/10/1997	JAPAN		
		98206	01/10/1997	JAPAN		
		98207	01/10/1997	JAPAN		
		8306853	11/22/1996	JAPAN		
		8222682	08/30/1996	JAPAN		
		8125066	05/17/1996	JAPAN		
		8083877	03/26/1996	JAPAN		
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		EP0720225	03/07/1996	EU PAT. OFFICE		

Date	Considered
11/1/2011	11/1/2011
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12/30/2011	12/30/2011
12/31/2011	12/31/2011

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1 Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449A/PTO		<b>Complete if Known</b>	
		Application Number	10/680,280
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>		Filing Date	10/07/2003
		First Named Inventor	Jong Sik Paek
(use as many sheets as necessary)		Art Unit	2811
		Examiner Name	Unknown
Sheet	1	of	1
		Attorney Docket Number	AMKOR-021G

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
		US-			
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		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
		EP0720234	03/07/1996	EU PAT. OFFICE		
		7312405	11/28/1995	JAPAN		
		7297344	11/1995	JAPAN		
		6260532	09/16/1994	JAPAN		
		6140563	05/20/1994	JAPAN		
		692076	04/05/1994	JAPAN		
		941979	01/03/1994	KOREA		
		5283460	10/29/1993	JAPAN		
		5166992	07/1993	JAPAN		
		5129473	05/25/1993	JAPAN		

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		Country Code <sup>3</sup>	-Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
			4098864	09-1992	JAPAN		
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			3177060	08/01/1991	JAPAN		
			EP0393997	10/24/1990	EU PAT. OFFICE		
			1251747	10/06/1989	JAPAN		
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			1175250	07/11/1989	JAPAN		
			1106456	04/24/1989	JAPAN		
			64054749	03/02/1989	JAPAN		
			63316470	12/23/1988	JAPAN		

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			Examiner Name	Unknown	
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		Country Code <sup>3</sup>	-Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)			
			63249345	10/17/1988	JAPAN	
			63233555	09/29/1988	JAPAN	
			63205935	08/25/1988	JAPAN	
			63067762	03/26/1988	JAPAN	
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			6139555	02/25/1986	JAPAN	
			60231349	11/16/1985	JAPAN	
			60195957	10/04/1985	JAPAN	
			60116239	08/06/1985	JAPAN	
			60010756	01/19/1985	JAPAN	

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